

DT07 R004 PCT/PTO 1 0 FEB 2005

FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NO.  
US020297

U.S. Application No. (known) see 37 CFR 1.5)

10/524182

INTERNATIONAL APPLICATION NO.  
PCT/IB2003/003512

INTERNATIONAL FILING DATE  
August 8, 2003

PRIORITY DATE CLAIMED  
August 12, 2002

TITLE OF INVENTION

VARIABLE GAIN AMPLIFIER WITH IMPROVED CONTROL CHARACTERISTICS LINEARITY

APPLICANT(S) FOR DO/EO/US

WILLIAM REDMAN-WHITE AND SUDHIR AGGARWAL

Applicant(s) herewith submit to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
  2. ☐ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
  3. ☐ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
  4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
  5. ☒ copy of the International Application as filed (35 U.S.C. 371 (c)(2))
    - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
    - b. ☒ has been transmitted by the International Bureau.
    - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
  6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
  7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
    - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
    - b. ☐ have been transmitted by the International Bureau.
    - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
    - d. ☒ have not been made and will not be made.
  8. ☐ A translation of the amendment to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
  9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
  10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).
- Items 11. to 16. below concern document(s) or information included:
11. ☒ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
  12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
  13. ☐ A FIRST preliminary amendment.  
☐ A SECOND OR SUBSEQUENT preliminary amendment.
  14. ☐ A substitute specification.
  15. ☐ A change of power of attorney and/or address letter.
  16. ☒ Other items or information:
    - ☒ Power of Attorney to Prosecute Application Before the USPTO [PTO/SB/80]
    - ☒ Statement under 37 CFR 3.73(b) [PTO/SB/96]
    - ☒ Authorization Pursuant to 37 CFR § 1.136(a)(3) and to Charge Deposit Account

CERTIFICATE OF MAILING

☒ Express Mail Mailing Label No. EV 312 011 281  
Date of Deposit February 10, 2005

Adjustment Date: 07/25/2005 PROOKER  
02/17/2005 GFREY1 00000142 141270 10524182  
02 FC:1632 500.00 CR

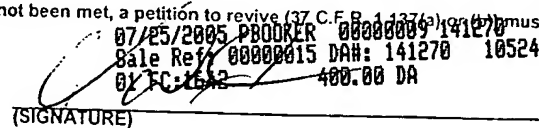
I hereby certify that this paper and fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Patti DeMichele  
Typed Name

Signature

DT05 Rec'd PCT/PTO 10 FEB 2005

10/524182

|   |              |   |  |                                      |    |
|---|--------------|---|--|--------------------------------------|----|
| U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)  |              | INTERNATIONAL APPLICATION NO.<br>PCT /IB2003/003512 |  | ATTORNEY'S DOCKET NUMBER<br>US020297 |    |
| 17 [ X ] The following fees are submitted:<br>BASIC NATIONAL FEE (37 C.F.R. 1.492(A)(1)-(5)):<br>Search Report has been prepared by the EPO or JPO <span style="float:right">\$1000.00</span><br>International preliminary-examination fee paid to USPTO (37 C.F.R. 1.482) <span style="float:right">\$690.00</span><br>No international preliminary examination fee paid to USPTO (37 C.F.R. 1.482) but international search fee paid to USPTO (37 C.F.R. 1.445(a)(2)) <span style="float:right">\$750.00</span><br>Neither international preliminary examination fee (37 C.F.R. 1.482) nor international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO <span style="float:right">\$970.00</span><br>International preliminary examination fee paid to USPTO (37 C.F.R. 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) <span style="float:right">\$ 96.00</span><br>ENTER APPROPRIATE BASIC FEE AMOUNT = <span style="float:right">\$ 1000.00</span> |              |   |  | CALCULATIONS (PTO USE ONLY)          |    |
| Surcharge of \$130.00 for furnishing the oath or declaration later than [   ] 20 [   ] 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).<br>\$ <span style="float:right"></span>  |              |   |  |                                      |    |
| CLAIMS  | NUMBER FILED | NUMBER EXTRA  | RATE   |                                      |    |
| Total Claims  | 19 - 20 =    | 0   | X \$ 50.00   | \$ 0.00                              |    |
| Independent claims  | 2 - 3 =      |   | X \$ 200.00  | \$ 0.00                              |    |
| MULTIPLE DEPENDENT CLAIMS (if applicable)   |              |   | + \$ 360.00  | \$ 0.00                              |    |
| TOTAL OF ABOVE CALCULATIONS =   |              |   |  | \$ 1000.00                           |    |
| Reductions by 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 C.F.R. 1.9, 1.27, 1.28)  |              |   |  | \$                                   |    |
| SUBTOTAL =  |              |   |  | \$ 1000.00                           |    |
| Processing fee of \$130.00 for furnishing the English translation later than [   ] 20 [   ] 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).   |              |   |  | \$                                   |    |
| TOTAL NATIONAL FEE =  |              |   |  | \$ 1000.00                           |    |
| Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property  |              |   |  | \$ 40.00                             |    |
| TOTAL FEES ENCLOSED =   |              |   |  | \$ 1040.00                           |    |
|   |              |   |  | Amount to be Refunded                | \$ |
|   |              |   |  | Charged                              | \$ |
| a. [   ] A check in the amount \$ _____ to cover the above fees is enclosed.<br>b. [ X ] Please charge my Deposit Account No. <u>14-1270</u> in the amount of \$ <u>1040.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.<br>c. [ X ] The Commissioner is hereby authorized to charge any additional fee, with the exception of the Base Issue Fee, which may be required, or credit any overpayment to Deposit Account No. <u>14-1270</u> . A duplicate copy of this sheet is enclosed.   |              |   |  |                                      |    |
| NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.   |              |   |  |                                      |    |
| SEND ALL CORRESPONDENCE TO:<br>Corporate Patent Counsel<br>Philips Electronics North America Corporation<br>P.O. Box 3001<br>Briarcliff Manor, NY 10510   |              |   | (SIGNATURE)<br><br>Aaron Waxler<br>(NAME)<br>48,027<br>(REGISTRATION NUMBER) |                                      |    |

07/25/2005 PROOKER 00000009 141270 must 10524182  
 Sale Ref 00000015 DAH: 141270 10524182  
 01 FC:1512 400.00 DA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

90/524182

Rec'd CT/PTO 10 FEB 2005

In re Application of

Atty. Docket

WILLIAM REDMAN-WHITE ET AL

US020297

Serial No.

Group Art Unit

Filed: CONCURRENTLY

Ex.

VARIABLE GAIN AMPLIFIER WITH IMPROVED CONTROL CHARACTERISTICS  
LINEARITY

Commissioner for Patents  
Alexandria, VA 22313-1450

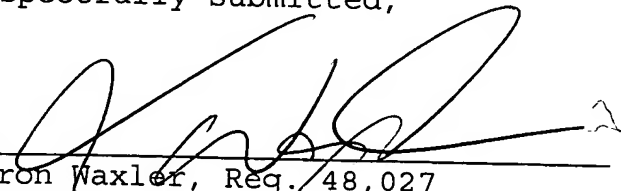
AUTHORIZATION PURSUANT TO 37 CFR §1.136(a)(3)  
AND TO CHARGE DEPOSIT ACCOUNT

Sir:

The Commissioner is hereby requested and authorized to treat any concurrent or future reply in this application requiring a petition for extension of time for its timely submission, as incorporating a petition for extension of time for the appropriate length of time.

Please charge any additional fees which may now or in the future be required in this application, including extension of time fees, but excluding the issue fee unless explicitly requested to do so, and credit any overpayment, to Deposit Account No. 14-1270.

Respectfully submitted,

By   
Aaron Waxler, Reg. 48,027  
Attorney  
(914) 333-9608